

Date: Wed, 18 Aug 93 23:04:31 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #990  
To: Info-Hams

Info-Hams Digest                      Wed, 18 Aug 93                      Volume 93 : Issue    990

Today's Topics:

                    'Diversity Operation'?  
                    ANARTS NEWS772 15/8/93  
    A strange thing that happens when you are learning code (2 msgs)  
                    Boston Repeaters?  
                    Club files available from ARRL  
                    Electronics Brokers, Boulder CO  
    Is there such thing as an omnidirectional antenna in 3 dimensions?  
                    Motorola's Bravo Plus Paging Decoder with RS-232 serial port  
                    Need information on duplexers  
                    QSL routes needed  
                    Standard C558A HT Mods?  
                    Test

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 18 Aug 1993 16:15:23 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!bloom-beacon.mit.edu!  
linus!linus.mitre.org!wralston.mitre.org!user@network.ucsd.edu  
Subject: 'Diversity Operation'?  
To: info-hams@ucsd.edu

In article <24tahfINN5g3@golem.wcc.govt.nz>, gardner\_a@kosmos.wcc.govt.nz  
(andy gardner) wrote:

>

> There are (to my knowledge), 4 different methods of diversity reception,  
[...]

- > 1. Frequency diversity
- >
- > 2. Space diversity
- >
- >
- > 3. Polarization diversity
- >
- >
- > 4. Time diversity

[descriptions deleted]

Add, angle diversity, which is used on microwave troposcatter links. Two directional antennas are aimed at slightly different regions of the sky. Principle can be applied to any technique where there is a distributed scattering source being used.

-- Bill wtr@mitre.org  
\* I babble too incoherently to speak for my employer \*

-----  
Date: 19 Aug 93 00:02:25 GMT  
From: munnari.oz.au!mel.dit.csiro.au!its.csiro.au!dmssyd.syd.dms.CSIRO.AU!metro!  
mippet.ci.com.au!eram!dave@network.ucsd.edu  
Subject: ANARTS NEWS772 15/8/93  
To: info-hams@ucsd.edu

ANARTS NEWS BULLETIN 772 15 August 1993

SUNDAY BROADCAST SCHEDULE.

3.545 mhz	0930 utc	VK2BQS (Jim)
7.045 mhz -3	0030 utc	VK2CTD (COL)
14.070 mhz (amtor/fec)	0030 utc	Not available.
14.091 mhz	0030 utc	VK2BQS (JIM)
146.675 mhz	0030/0930utc	VK2JPA (PAT)
144.850 mhz (ax25 bbs)		VK2JPA AT vk2rwi
146.675 mhz (rtty mmbbs/repeater)		VK2RTY

Note that 146.675 is available continuously as a repeater except when operating in conjunction with broadcasts.  
Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

40 METRE RTTY CALL-BACKS

-----  
THE FOLLOWING IS A LIST OF STATIONS THAT HAVE EITHER CALLED-IN

OR CALLED-BACK TO THE 40 METRE BROADCAST SINCE 14TH MARCH 1993. SOME STATIONS HAVE CALLED IN ONCE ONLY AND OTHERS HAVE CALLED SEVERAL TIMES. A FEW HAVE CALLED ALMOST EVERY WEEK. THANKS A LOT FOR YOUR SUPPORT. CALLSIGNS WITH AN ASTERISK INDICATE THEY HAVE PHONED THEIR CALL-BACK TO 02 624-3989.

VK1 - VK1DA, VK1RJ, VK1WT\*.

VK2 - VK2AAX, VK2AHD\*, VK2AIC, VK2AJT\*, VK2APG, VK2AYZ,  
VK2BAT, VK2BAV, VK2DWZ, VK2FJL, VK2GN, VK2GQC,  
VK2NJ, VK2WLZ.

VK3 - VK3BVJ, VK3DNU, VK3DWZ, VK3FR, VK3JW/P, VK3MQ,  
VK3OE, VK3XL.

VK4 - VK4ATQ.

VK7 - VK7PU, VK7WP.

THERE WERE ALSO SEVERAL CALL-BACKS BY PHONE FROM SWL'S. THANKS TO ALL STATIONS FOR THE SUPPORT. LOOK FORWARD TO HEARING FROM YOU ALL AGAIN. WE ARE ALSO REQUESTING STATIONS THAT READ OUR NEWS VIA ANY PACKET BBS TO SEND A PACKET CALL-BACK TO EITHER COL VK2CTD@VK2RWI, PAT VK2JPA@VK2RWI, OR, JIM VK2BQS@VK2RWI, PSE SEND US A MSG TO GIVE US AN IDEA OF HOW MANY STATIONS COPY OUR NEWS BROADCAST...

SUBMITTED BY COL VK2CTD.

Information on "call-ins/call-backs" to 20/80m broadcasts.

During the last four years in excess of 220 stations have responded to the 20/80 casts by calling in before, or giving call-backs after the 'casts.

Despite band conditions being at their lowest since early 1987, at which time these records were first kept by VK2BQS, the number of callers still holds up, with 27 on 20m and 8 on 80m for the period 1/4/93-8/8/93.

For your interest the stations which have called in the last 4 months (several of them weekly) are listed hereunder.

20 metres.

VK2 VK2BUS VK2FCY VK2FDX VK2GTR VK2BX VK2DXV VK2RT

VK3    VK3DLL   VK3BJP  
VK4    VK4AOR   VK4XX/MM  
VK5    VK5QD    VK5RB    VK5AJV    VK5PO  
VK6    VK6YV    VK6CW    VK6MO  
VK7    VK7PU    VK7WP  
VK8    VK8HA    VK8SO  
ZL    ZL1KN    ZL1SY    ZL1BIQ    ZL2JON    DL3YC/ZL

80 metres.

VK1    VK1RJ    VK2BAV  
VK2    VK2BAV   VK2BAT  
VK3    VK2BVJ   VK3ATF   VK3DBL   VK3EWD  
VK7    VK7HX

This information is valued by the Society as it gives us an idea of the coverage of each band during long periods and also indicates the use made of the broadcasts by the amateur fraternity.

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#### ANARTS Contest entries

Please note: If you wish to enter the ANARTS Worldwide RTTY Contest, remember the closing date for logs is 1st September - thats only 16 days away.

Be in it, you might win your area, or better still, your class, but dont be late or it will all go to naught.

Address logs to: Contest Manager  
Jim Swan VK2BQS  
P.O. Box 93  
Toongabbie NSW 2146  
Australia

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Western Australian News

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WAADCA AUGUST GENERAL MEETING  
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4th August saw the club's general meeting with a good attendance from members and visitors. Joe VK6ZTN, the club's technical officer reported that the data link between Perth and Sydney is very close to coming back on line, this time through the enthusiastic efforts of a number of amateurs at both ends of the system. The link is planned to have a data capacity of 4800bps. Initially a 1200bps ROSE link will be established and as soon as possible afterwards, a 1200bps NETROM link. This will enable some interesting side-by-side performance comparisons between the two modes.

CLUB NEWSLETTER  
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Phil VK6ADF and Bruce VK6ABR did another excellent job with the club's August newsletter. For some time they have been able to incorporate CAD drawings into the newsletter, but now they have managed to incorporate photographs with Bruce's new video-blaster system. The newsletter contained a couple of pictures of better quality than we have ever been able to achieve by other methods.

You can contact WAADCA by sending a packet message to the Secretary, Trish VK6QL at VK6BBS, or myself or by writing to PO Box 425 Cannington WA 6107.

That's all for this week.  
73 from Phil VK6AD  
President

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IPS weekly report  
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6 August - 12 August 1993

Issue no.: 33

Date of issue: 13 August 1993

Date	06	07	08	09	10	11	12
10cm	94	91	91	96	102	108	101
A	19	18	09	15	07	04	(05 estimated)
T	51	41	45	47	39	50	55

Summary of activity

Solar activity was very low 6th-9th August, low 10th and 12th,

and moderate on 11th. There was an M1 flare on 11th.

The geomagnetic field at Learmonth (WA) was at active to minor storm levels 0900-1500 UT on 6th, otherwise mostly quiet with some unsettled periods for the remainder of the week.

Ionospheric F2 critical frequencies at Sydney were mostly near predicted values except for brief depressed periods on 7th and 10th. There was some sporadic E blanketing on 7th and 10th August.

Forecast for the next week (13 - 19 August)

Solar : Low - moderate, chance of isolated low level M class solar flares

Geomagnetic: Quiet until 16-17th, when active periods are expected (coronal hole). Conditions should return to quiet - unsettled levels for 18th and 19th.

Ionospheric: Generally good conditions apart from degradations expected during interval 16-17, (especially during local night).

Courtesy of IPS Radio and Space Services

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VK2SG RTTY DX NOTES 6 AUG 93

VK2SG RTTY DX NOTES FOR WEEK ENDING 6 AUG 1993 (BID RTDX0806)

WE RECORD, WITH DEEP REGRET, THE PASSING OF RTTY MENTOR AND DXER, SID KITRELL, W0LYM. WHO BECAME A SILENT KEY ON 2 AUGUST 1993.

OUR INFORMATION THIS WEEK CAME FROM CE3GDN, DJ3IW AND THE DB0SPC NODE OF THE CENTRAL EUROPE CLUSTER, I5FLN, KA3DBN, WB2CJL, W0HAH, ZS5S, 4X6UO, 9X5LJ, AND THE NJ0M NODE OF THE TWIN CITIES DX PACKET CLUSTER NETWORK.

BANDPASS:

FRIDAY 30

0358-14087 XE2KAF

1357-14088 BT2000BJ

1929-14082 9H1ET

2145-14085 FM4GN

2152-14088 PJ2MI

2252-14083 PY1FO  
2255-14090 GM0PGD  
2302-14085 VK6HB

SATURDAY 31

0048-14092 5X1C  
0148-14088 4X6U0  
0413-14082 5R8DG  
0428-14086 HK3CAA  
1144-14086 KN4DG/KH2  
1246-14078 VU2YK  
1503-14085 JT1CS  
1544-21077 ZS9A  
1558-14084 9J2HN  
1627-21082 ZD8JA  
1751-14081 IS0YPS  
2107-14087 IS0UGA  
2112-14085 4X6ZK  
2127-14087 RC2AZ  
2346-14089 UN8PFE

SUNDAY 1

0200-14085 4X6U0  
0215-14083 UZ9CWA  
0427-14088 RW3PF  
0543-14084 ES7QK  
1'39-21089 UM8MU  
2053-14087 OE1MBB QSL TO MARKUS. PB.22, 1101 VIENNA  
2104-14083 CN8NP  
2137-14084 9M2MW  
2146-14086 IS0UGR  
2204-14083 U050C QSL I8YG  
2328-14088 KG4CW  
2340-14085 NP2EG

MONDAY 2

0029-14080 NP2EG  
0046-14082 U050C  
0113-14087 UN8PFE  
0115-14090 HK1YKR  
0322-14082 SU1AH  
0334-14085 4X6U0  
1226-14087 7M2KXI  
1456-21085 EA8ATE  
1742-14082 9H1ET  
1746-14085 ZS0PI QSL DJ0WQ  
1820-14087 UB5CFD  
1929-14082 UL7AAV

2058-14084 FG4FI  
2103-14085 CT3BD  
2112-14087 CN8NP  
2346-14085 FM4GM

TUESDAY 3

0154-14084 FM4GN  
0349-14086 SU1AH  
1616-14088 LX70M  
1626-14083 EI3GZ  
1832-14086 LU5FHA  
2054-14082 CT3EE  
2125-14088 ZD8SA  
2325-14088 U050C

WEDNESDAY 4

0705-14084 NH6XM  
0737-14086 UT5UII  
1620-14087 UZ9CWA  
1651-14085 9H1ET  
1712-14087 UA6XDL  
1718-14095 4N7N  
1824-1408? 7X2DS  
2025-14088 Z32GX  
2046-14085 CN8NP  
2205-14086 PY7AJI

THURSDAY 5

0219-14086 VP5JM QSL W3HNC  
1817-14085 OZ1GML  
2054-14088 CN8NP  
2059-14085 LU2HNZ  
2133-14082 Z23GX  
2201-14089 GM0HNP  
2241-14086 PY7AJI  
2242-14088 YV3EOH

NOTES OF INTEREST:

BELAU, KC6 - A GROUP FROM JAPAN WILL BE ACTIVE 8-13 AUGUST.  
WATCH FOR KC6IG, KC6IJ, KC6IL, KC6IM, KC6KY, KC6LI, KC6OG,  
KC6TZ, AND KC6UP. QSL TO JA30IN.

ERITREA, E3 - THE TEAM OF DJ9ZB, K5VT, AND JH1AJT IS NOW  
OPERATING CW AND SSB, AS E31A, UNTIL 9 AUGUST. COMPUTER  
PROBLEMS HAVE DELAYED THEIR PROMISED APPEARANCE ON RTTY. QSL  
TO JH1AJT.

ETHIOPIA, ET - THIS SAME TEAM WILL OPERATE 9E2A 10-12 AUGUST.



QSL TO JH1AJT.

ST. PAUL ISLAND, CY9 - CY9CWI WILL BE ACTIVE AUGUST 14-18. QSL  
P.O. Box 884, POINTE-CLAIRE/DORVAL.QC H9R 4Z6 CANADA.

ANGUILLA, VP2E - JOHN, KA3DBN, WILL OPERATE VP2EBN 10-22  
AUGUST. HE WILL FOLLOW WITH A SHORT TRIP TO PJ, ST. MAARTEN,  
FOR A COUPLE OF DAYS. QSL TO HIS HOME CBA.

SOUTHERN SUDAN, ST0 - BE ALERT FOR THE POSSIBLE IMMINENT  
APPEARANCE ON RTTY OF JOHN, PA3CXC.

SEND YOUR BANDPASS AND NOTES OF INTEREST FOR NEXT WEEK'S  
BULLETIN TO LUCIANO, I5FLN AT ZS5S.ZAF.AF.

73 ES GOOD HUNTING DE JULES W2JGR AT CE3GDN.#STGO.CHL.SA  
(VIA HF AMTOR)

-----  
Coming events  
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August	21st-22nd	SARTG WW RTTY CONTEST
September	25th-26th	CQ/RTTY Journal RTTY TEST
October	16th-17th	JARTS WW RTTY CONTEST
November	13th-14th	WAE RTTY Contest

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For your information

As there is often QRM on the 40 metre retransmission of the  
cast, please note that the transmission will be 3 down from  
the advertised frequency.

There is also a possibility of the evening 80 retransmission  
moving to a different frequency. We will keep you informed.

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Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065  
Australia, for such matters as membership and general  
enquiries. Enquiries can also be made by packet to the  
President (Col) VK2CTD, or the Secretary (Pat) VK2JPA both  
@VK2RWI.

News items may be sent to Broadcast Officer PO Box 60  
Blacktown 2148 Australia, or by packet to VK2JPA @VK2RWI.

The Internet address for the Broadcast Officer is :  
pat1@music.su.oz.au

That concludes Bulletin 772 15 August 1993.  
Inserted by VK2BQS (Jim) Vice President ANARTS.

--  
Dave Horsfall (VK2KFU)      VK2KFU @ VK2RWI.NSW.AUS.OC      PGP 2.3  
dave@esi.COM.AU              ...munnar!esi.COM.AU!dave      available  
``I just received an Email from a militant gay who instructed me  
to reproduce, my life will no longer be wasted!'' -- Mark V Shaney

-----  
Date: Wed, 18 Aug 1993 22:59:28 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!  
usenet.ins.cwru.edu!news.ecn.bgu.edu!willis1.cis.uab.edu!right.dom.uab.edu!  
user@network.ucsd.edu  
Subject: A strange thing that happens when you are learning code  
To: info-hams@ucsd.edu

In article <1993Aug18.185159.9736@pixar.com>, bruce@pixar.com (Bruce  
Perens) wrote:

>  
> Well, I've been practicing code for an hour or more every day for a  
> month or two, and can now copy in my head at 17 WPM, after having  
> vented my frustration to the entire net last week over being stuck  
> at 13 WPM.  
>  
> A few days ago, I was in my car and my radar detector started saying "T  
> T TT T". I remember wondering why the manufacturer would have it say  
> "T", and then I realized that it was simply beeping. I had a full-blown  
> case of CW on the brain. I wonder if I am going to hear beeping sounds  
> as letters from now on, whether I want to or not? It does seem that  
> as soon as you develop this particular kind of insanity, you can copy  
> faster!  
>  
> Without joining the code/no-code argument for the moment, I have to  
> admit that the rig and key are sitting right in front of me and I haven't  
> had the motivation to make a single CW contact yet. My favorite mode is  
> still packet.  
>  
>     Bruce Perens KD6OTD

Wait until you wonder why Bethoven kept saying V over and over again.

Steve Holland

-----  
Date: 18 Aug 1993 23:13:40 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!sdd.hp.com!col.hp.com!news.dtc.hp.com!  
hpscit.sc.hp.com!johnf@network.ucsd.edu  
Subject: A strange thing that happens when you are learning code  
To: info-hams@ucsd.edu

Bruce Perens (bruce@pixar.com) wrote:  
: A few days ago, I was in my car and my radar detector started saying "T  
: T TT T". I remember wondering why the manufacturer would have it say  
: "T", and then I realized that it was simply beeping. I had a full-blown  
: case of CW on the brain. I wonder if I am going to hear beeping sounds  
: as letters from now on, whether I want to or not? It does seem that  
: as soon as you develop this particular kind of insanity, you can copy  
: faster!

Did you know that Honda's say "H" over and over again when  
a key is in the ignition and the door is open.

--  
\*\*\*\*\*  
\* John P. Flowers \_\|/\_----- \*  
\* johnf@scd.hp.com /|\ We can tell how \*  
\* HP Santa Clara Division far gone you are! \*  
\* Laser R&D \*  
\* My aunt gave me a walkie-talkie for my birthday. She says if \*  
\* I'm good, she'll give me the other one next year 73 de N6NQW \*  
\*\*\*\*\*

-----  
Date: 19 Aug 93 00:05:18 GMT  
From: world!eac@uunet.uu.net  
Subject: Boston Repeaters?  
To: info-hams@ucsd.edu

In <24nsf2\$839@senator-bedfellow.MIT.EDU> scotti@mtl.mit.edu (Gretchen Fuller)  
writes:

>Or more precisely, "more area repeaters, Maynard, MA"

>There are also repeaters in:

Hello,  
There is also the 146.640 repeater in Waltham. Gets busy during drive time  
but mostly has a good friendly bunch.

73 Eric eac@world.std.com

-----  
Date: 18 Aug 93 17:00:54 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Club files available from ARRL  
To: info-hams@ucsd.edu

A list of affiliated ARRL clubs is available from the ARRL Automated Electronic Mail Server, info@arrl.org .

Send the following to info@arrl.org

help  
index  
send club-xx  
quit

Substitute postal abbreviation for xx. Examples:

send club-ct  
send club-vi  
send club-dc

There are more local clubs. These are the ones that have affiliated with the ARRL.

73 from ARRL HQ, Ed

-----  
Ed Hare, KA1CV  
American Radio Relay League  
225 Main St.  
Newington, CT 06111  
(203) 666-1541 - voice  
ARRL Laboratory Supervisor  
RFI, xmtr and rcvr testing  
-----

ehare@arrl.org

"You will never put the puzzle together  
if you keep putting all of the pieces  
back in the box." Colleen

-----  
Date: 19 Aug 93 00:48:24 GMT  
From: ogicse!uwm.edu!wupost!udel!newsserv.cs.sunysb.edu!rick@network.ucsd.edu  
Subject: Electronics Brokers, Boulder CO  
To: info-hams@ucsd.edu

I would like to purchase a used Tek 485 within the next week. A couple places advertising in Nuts & Volts Magazine have them listed for \$950, which seems like a pretty good price (especially compared to Tucker). Has anyone out there done business with either of these outfits:

Electronics Brokers, Boulder CO  
Western Test Systems, Broomfield CO

If so, please drop me a line and let me know whether they delivered satisfactory equipment & service.

Any suggestions for possible alternate suppliers would be appreciated, too.

Rick Spanbauer, WB2CFV  
State U of NY/Stony Brook

-----  
Date: Wed, 18 Aug 1993 19:00:38 GMT  
From: swrinde!sdd.hp.com!col.hp.com!news.dtc.hp.com!srigenprp!  
alanb@network.ucsd.edu  
Subject: Is there such thing as an omnidirectional antenna in 3 dimensions?  
To: info-hams@ucsd.edu

Dale Roberts (roberts@ishtar.med.jhu.edu) wrote:

: I'm looking for an antenna of some sort that I can use as an  
: omnidirectional field strength indicator. We have a system that  
: produces 3 orthogonal (at 90 degrees to one another) magnetic fields  
: at 3 frequencies.

I assume what you want is an antenna that responds to magnetic fields only. (Radio antennas respond to electromagnetic fields.)

How about 3 small loop antennas mounted perpendicular to each other? Detect the output of each loop separately and combine the voltages (or currents) RMS fashion:  $V(\text{total}) = \text{SQRT} ( V1^2 + V2^2 + V3^2 )$ . That would give you the magnitude of the magnetic field, no matter what its orientation.

How to do the RMS sum? Use a diode detector in its square-law region. At low signal levels, any RF switching diode (connected as a detector) puts out a DC voltage proportional to the square of the input RF voltage. By summing the 3 outputs (from the 3 pickup loops), you get a signal proportional to the square of the total magnetic field.

AL N1AL

-----  
Date: 18 Aug 1993 21:22:10 GMT  
From: olivea!korie!lll-winken.llnl.gov!fnnews.fnal.gov!usenet@uunet.uu.net  
Subject: Motorola's Bravo Plus Paging Decoder with RS-232 serial port  
To: info-hams@ucsd.edu

Jeff Garvas (ak667@cleveland.Freenet.Edu wrote:

>>In a previous article, mikey@slc.cts.com (Mike Shirley) says:  
>>  
>>RNet(TM) Paging Data Receiver  
>>o Based on the company's BRAVO Plus(TM) pager technology  
>>o 20-character message buffer  
>>o Programmable headers and trailers to let users define specific  
>> characters at the beginning and end of transmissions  
>>  
>>Motorola introduced its RNet(TM) Paging Data Receiver, a board level  
>>OEM product that received and decodes data broadcast over existing  
>>paging networks. The receiver operates on 138-174, 435-480 and 900  
>>.....  
>  
>Actually, if this is \*THE\* Bravo Pager being Advertised around here,  
>i can get you one for \$49 with a 3month hook up to the "host machine"  
>included.. Or is this a new device not yet on the market?

This similar to, but not identical with the BRAVO pager you get with 3 mos.  
of free service for 49 bux at the corner cell phone emporium.

This unit has no display, minimal housing, and has the 68HC11 re-coded to  
dump the data portion of POCSAG messages that are addressed to it to a  
serial data port (POCSAG = British Post Office Code Standardization  
Advisory Committee, also known as CCIR code something or other). It's  
handy for controlling remote devices via an existing paging system.

Paul Kasley wa9vyb

-----  
Date: 18 Aug 93 21:09:25 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Need information on duplexers  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, no6b@merlin.JPL.NASA.GOV (Robert Dengler) writes:  
>In article <CBy9x3.IGt@news.iastate.edu> jdwhite@iastate.edu (Jason White)  
writes:

>> I would like to learn more about duplexers and how to maintain and  
>>"configure" them. Any suggestions on where I might look for some good  
>>information. I looked in the '92 Handbook, but all I found was a paragraph on  
>>what duplexers were; nothing on how to maintain them.

>>

>

>Try the ARRL publication "FM & repeaters". Don't know how well they've been  
>updating it recently but in the past it's been way out of date. However, there

This book is loooong out of print. You might contact manufacturers  
and get their recommendations.

73, Jim, KR1S

--

jkearman@arrl.org

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Date: Wed, 18 Aug 1993 19:58:31 GMT  
From: netcomsv!attain!icd.teradyne.com!news@decwrl.dec.com  
Subject: QSL routes needed  
To: info-hams@ucsd.edu

I am looking for QSL routes for the following stations worked in July's  
IOTA contest: (they aren't in my '92 callbook...)

EJ1D - Coral Island, Azores  
CU9C - Dalkey Island  
VE3UWC  
CQ3H  
GW8GT  
VE7KRC

I also need info for:

9K2ZZ  
UV3AX  
6Y5DA  
005LW

Thanks much for the help. 73,

/mike

--

\\| Michael L. Ardai N1IST Teradyne ATG Boston

-----

/|\                      ardai@maven.dnet.teradyne.com

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Date: Wed, 18 Aug 1993 17:10:59 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!uwm.edu!rpi!clarkson!  
cheetah.ece.clarkson.edu!bray@network.ucsd.edu  
Subject: Standard C558A HT Mods?  
To: info-hams@ucsd.edu

I was wondering if anyone has modes for the Standard C558A HT.  
If so I would appreciate receiving the instructions.  
Incidentally, the C558A is a GREAT HT.  
Thanks for your help.

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D. W. Bray (K2LMG) -- Clarkson University, Potsdam NY 13699  
Email: bray@cheetah.ece.clarkson.edu

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Date: Wed, 18 Aug 93 17:34:53 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!spool.mu.edu!  
news.clark.edu!netnews.nwnet.net!serval!news@network.ucsd.edu  
Subject: Test  
To: info-hams@ucsd.edu

Sorry. It's a test.

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Date: Wed, 18 Aug 1993 17:36:49 GMT  
From: pipex!uknet!pavo.csi.cam.ac.uk!bck1@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Aug11.193014.3173@infodev.cam.ac.uk>,  
<1993Aug17.005612.27790@infonode.ingr.com>,  
<1993Aug17.134344.7129@titan.ksc.nasa.gov>ipex  
Subject : Re: Alpha Bravo Charlie - Russian?

In article <1993Aug17.134344.7129@titan.ksc.nasa.gov> dave-crawford@ksc.nasa.gov  
(David E. Crawford) writes:

>In article <1993Aug17.005612.27790@infonode.ingr.com>, ktappe@infonode.ingr.com  
(J. Kurt Tappe) says:

>>

>>bck1(!ug) @cl.cam.ac.uk (Brian Kelk) writes:

>>

>>>Here is a collection of alphabets of the Alpha Bravo



>>>Charlie Delta kind, as used for spelling things out over  
>>>radio links.  
>  
>Anyone know what the Russian phonetics for the cyrillic alphabet are?  
>  
>David.

I've been told of an alphabet which goes something like  
this:

Anna, Boris, Vasiliy, Galina, Dmitri, Elena, Zhuk, Zoya, Ivan,  
Ivan kratkiy, Kilovatt, Leonid, Maria, Nikolai, Olga, Piotr,  
Roman, Sergei, Tamara, Uliana, Fiodor, Hariton, Tsentr, Chelovek,  
Shura, Schuka, Tviordiy Znak, Znak (for Miagkiy Znak), Eduard,  
Yuri, Yakov.

No entry for bI or e".

I'm not exactly sure of the status of this alphabet. I gather  
that people often devise alphabets of their own for use over  
the phone.

Brian Kelk  
Cambridge  
U.K.  
bck1@c1.cam.ac.uk

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End of Info-Hams Digest V93 #990  
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